

FORM PTO-1449 U.S. Department of Commerce  
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List of Documents Cited by Applicant

Attorney Docket No.:  
LU05004USU (Akkerman 1-51)

Serial No.:  
10/701,183

Applicant(s): Akkerman et al.

Filing Date: November 4, 2003

Group: 2813

### U.S. PATENT DOCUMENTS

Examiner Initials	No.	Document Number	Date	Name	Class	Subclass	Filing date if Appropriate

### FOREIGN PATENT DOCUMENTS

Examiner Initials	No.	Document Number	Date	Name of Patentee or Applicant	Country	Translation Yes   No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Examiner Initials	No.	Full Information Of Document
TW	01	Smith et al., U.S. Patent Application Publication No. 2003/0175551A1, entitled "Surface Modified Organic Thin Film Transistors", published on 9/18/2003.
TW	02	Qin, Dong et al., "Fabrication of Ordered Two-Dimensional Arrays of Micro- and Nanoparticles Using Patterned Self-Assembled Monolayers as Templates", <i>Adv. Mater.</i> , Vol. 11, No. 17, pp. 1433-1437 (1999).

EXAMINER

*[Signature]*

DATE CONSIDERED

8/5/05

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Substitute for form 1449A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

**(Use as many sheets as necessary)**

**Complete if Known**

Application Number	10/701,183
Filing Date	November 4, 2003
First Named Inventor	Akkerman et al.
Art Unit	2871
Examiner Name	
Attorney Docket Number	100.2498


Sheet	1	of	5	Attorney Docket Number	100.2498
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
TA	1	US- 5,192,580	03/09/1993	Blanchet-Fincher	
	2	US- 5,288,528	02/22/1994	Blanchet-Fincher	
	3	US- 5,347,144	09/13/1994	Garnier et al.	
	4	US- 5,523,192	06/04/1996	Blanchet-Fincher	
	5	US- 5,563,019	10/08/1996	Blanchet-Fincher	
	6	US- 5,625,199	04/29/1997	Baumbach et al.	
	7	US- 5,786,819	06/16/1998	Blanchet-Fincher	
	8	US- 5,840,463	11/24/1998	Blanchet-Fincher	
	9	US- 5,981,970	11/09/1999	Dimitrakopoulos et al.	
	10	US- 6,051,318	04/18/2000	Kwon	
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	12	US- 6,146,792	11/14/2000	Blanchet-Fincher et al.	
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	17	US- 6,403,397	06/11/2002	Katz	
	18	US- 6,551,717	04/22/2003	Katz et al.	
	19	US- 2002/0149315 A1	10/17/2002	Blanchet-Fincher	
TN	20	US- 10/256,885	09/27/2002	Bao et al.	

## FOREIGN PATENT DOCUMENTS

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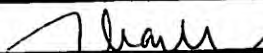
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Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			<b>Complete if Known</b>		
			Application Number	10/701,183	
			Filing Date	November 4, 2003	
			First Named Inventor	Akkerman et al.	
			Art Unit	2871	
			Examiner Name		
Sheet	2	of	5	Attorney Docket Number	100.2498

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
TW	21	US- 10/689,780	09/24/2003	Bao	/
	22	US- 60/505,533	09/24/2003	Meth	
	23	US- 60/505,880	09/24/2003	Meth et al.	
	24	US- 10/671,303	09/24/2003	Bao et al.	
	25	US- 10/722,613	11/26/2003	Aizenberg et al.	
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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
TW	26	WO 01/87634 A2	11/22/2001	E.I. du Pont de Nemours and Company	/	
	27	WO 02/08801 A1	01/31/2002	E.I. du Pont de Nemours and Company		
	28	WO 02/092352 A1	11/21/2002	E.I. du Pont de Nemours and Company		

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		Application Number	10/701,183		
		Filing Date	November 4, 2003		
		First Named Inventor	Akkerman et al.		
		Art Unit	2871		
		Examiner Name			
Sheet	3	of	5	Attorney Docket Number	100.2498

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TW	29	AFZALI ET AL., High-Performance, Solution-Processed Organic Thin Film Transistors from a Novel Pentacene Precursor, J. Am. Chem. Soc., 2002, Page(s) 8812-8813, Volume 124	
	30	AFZALI ET AL., Synthesis and Application of Pentacene Precursor in OTFT, Publisher: IBM Research Division, Published in: Yorktown Heights, NY	
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	35	CAI ET AL., Self Assembly in Ultrahigh Vacuum: Growth of Organic Thin Films with a Stable In-Plane Directional Order, J. Am. Chem. Soc., 1998, Page(s) 8563-8564, Volume 120	
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	37	COLLET ET AL., Low-Voltage, 30 nm Channel Length, Organic Transistors with a Self-Assembled Monolayer as Gate Insulating Films, Applied Physics Letters, April 3, 2000, Page(s) 1941-1943, Volume 76, Number 14	
	38	COLLET ET AL., Nano-field Effect Transistor with an Organic Self-Assembled Monolayer as Gate Insulator, Applied Physics Letters, November 2, 1998, Page(s) 2681-2683, Volume 73, Number 18	
	39	DE BOER ET AL., Synthesis and Characterization of Conjugated Mono- and Dithiol Oligomers and Characterization of Their Self-Assembled Monolayers, Langmuir, 2003, Page(s) 4272-4284, Volume 19	
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Examiner Signature		Date Considered	8/5/05
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet

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of

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**Complete if Known**

Application Number 10701,183

Filing Date November 4, 2003

First Named Inventor Akkerman et al.

Art Unit 2871

Examiner Name

Attorney Docket Number 100.2498

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite <sup>1</sup> No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
TN	41	FORREST, Ultrathin Organic Films Grown by Organic Molecular Beam Deposition and Related Techniques, Chem. Rev., Page(s) 1793-1896, Volume 97, Publisher: American Chemical Society	
	42	HALIK ET AL., High-Mobility Organic Thin-Film Transistors Based on a, a'-didecyloligothiophenes, Journal of Applied Physics, March 1, 2003, Page(s) 2977-2981, Volume 93, Number 5	
	43	HAN ET AL., Effect of Magnesium Ions on Oriented Growth of Calcite on Carboxylic Acid Functionalized Self-Assembled Monolayer, J. Am. Chem. Soc., 2003, Page(s) 4032-4033, Volume 125	
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TN	53	MUSHRUSH ET AL., Easily Processable Phenylene-Thiophene-Based Organic Field-Effect Transistors and Solution-Fabricated Nonvolatile Transistor Memory Elements, J. Am. Chem. Soc., 2003, Page(s) 9414-9423, Volume 125, Number 31	

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